

**2025-2026
SOUTH RANGE
HIGH SCHOOL
CURRICULUM GUIDE**





2025-2026 SRHS Curriculum Guide

To South Range High School Students and Parents:

The purpose of this booklet is to assist and calm those who are using it. The guidelines and course offerings have been specifically created to satisfy the needs of our South Range High School students and community. They comply with Ohio's guidelines and were derived by the expertise of our faculty, administration and staff. We continuously update this booklet by adding, editing, and in some cases, deleting courses so the needs of our students are addressed and kept as first priority.

Each student's individual needs and goals must be met. Please keep this in the forefront when making final course selections. To ensure the course selection process is done correctly, I encourage students to involve their parents, teachers and school counselor in the process. This calls for a collaborative effort by everyone involved to guarantee we meet the goals and graduation requirements for *all* students at South Range High School

Please feel free to contact any staff member in the South Range school district who could be of further assistance to your son/daughter. We are here to help and properly challenge *every* student in reaching his/her full potential.

Sincerely,

Stephen P. Rohan, Principal

Board of Education

Brian Bagwell, President

Terri Lally, Vice President

Tyler Bates

Dr. Jack Dawson

Elizabeth Johnson

Dr. Jarred Zapolnik, Superintendent

Mario Nero, Treasurer

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GENERAL GRADUATION REQUIREMENTS

Ohio’s graduation requirements consist of three key components

1. Course Completion

Ohio law outlines the course requirements all students must complete to earn a diploma. Ohio students must earn a minimum of 20 course units in specified subject areas.

**Districts and schools may have requirements that exceed the state minimums outlined below.*

Complete Courses

Take and earn a minimum of 21 credits in specific subjects.

Students must also complete also at least two semesters of [fine arts](#) (during grades 7-12).

Fine arts may not be required for students in career-tech programs unless it is a component of local course requirement.

General Course Requirements	State Minimum
English language arts	4 credits
Health	½ credit
Mathematics	4 credits
Physical education	½ credit
Financial Literacy	½ credit
Science	3 credits
Social studies	3 credits
Electives	5 credits
Technology (SR requirement)	½ credit



2. Demonstrating Competency

To graduate, students must earn a "competency" score on the English language arts II and Algebra I (or integrated math I) end-of-course tests or complete other options. Students not earning competency scores on the first attempt must be offered appropriate remediation and supports and retake the relevant test at least once. In lieu of attaining competency scores on the state tests, students can choose between four other ways to demonstrate competency following remediation and second test attempts. See [Ohio Revised Code section 3313.618\(B\)\(1\)](#).

Competency Score

Ohio law directed the Department of Education and Workforce, in collaboration with the Ohio Department of Higher Education and the Office of Workforce Transformation, to establish a competency score on the English language arts II and Algebra I end-of-course tests. The Ohio Department of Education and Workforce, after gathering feedback from education stakeholders and business communities of Ohio, determined that "competency" would be set at a score of 684 for both the English language arts II and Algebra I tests. See [Ohio Revised Code section 3301.0712\(B\)\(10\)](#).

Alternative Demonstrations of Competency

Ohio law establishes multiple pathways to demonstrating competency beyond Ohio's state tests. Prior to being eligible to demonstrate competency in these, students first must receive remedial supports and retake the test. The alternative ways to demonstrate competency are as follows:

[College Credit Plus](#)

[ACT or SAT](#)

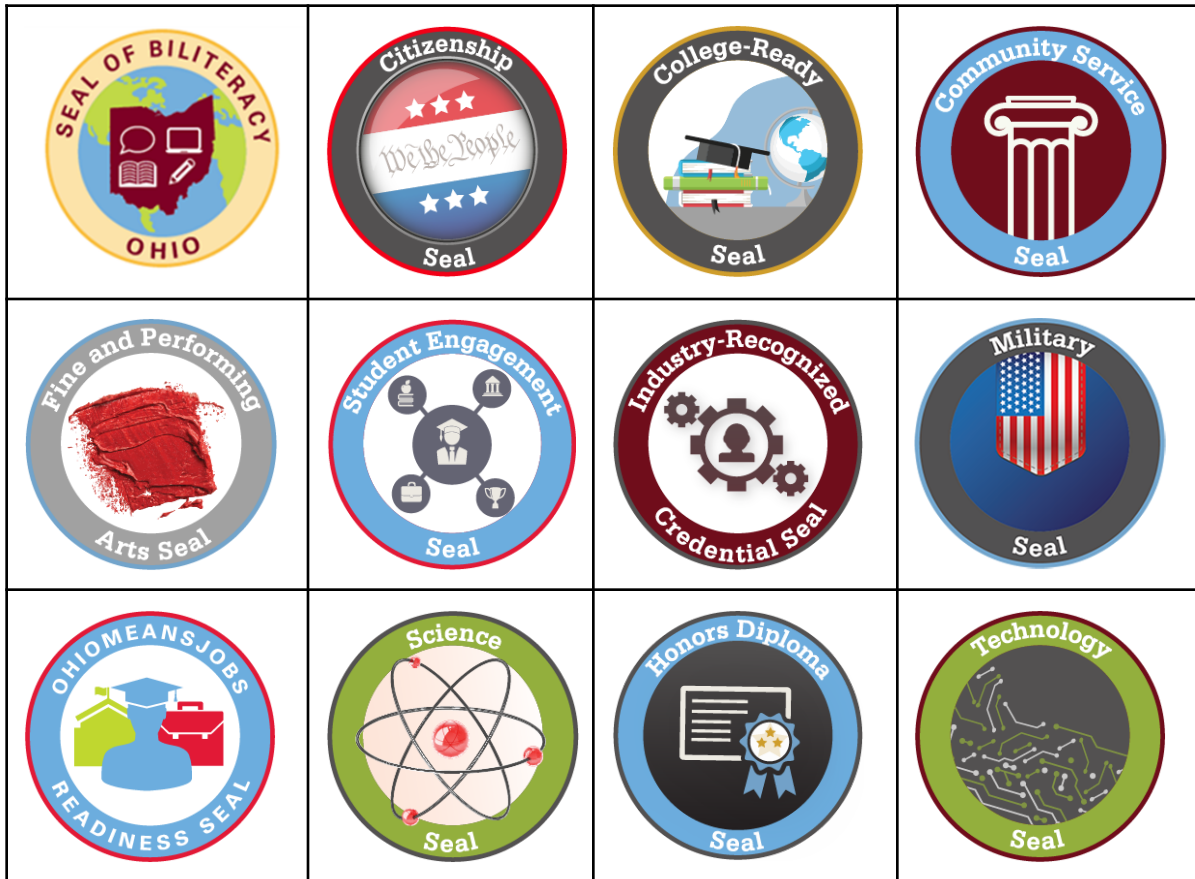
[Career Experience and Technical Skill](#)

[Military Enlistment](#)

3. Demonstrating Readiness/Graduation Seals



In addition to fulfilling curriculum requirements and meeting the competency requirements, students also must show they are prepared for their next steps after high school. State law created 12 diploma seals for students to demonstrate academic, technical and professional readiness for careers, college, the military or self-sustaining professions. Each seal allows students to demonstrate knowledge and skills essential for future success in their chosen post-high school paths. Students will demonstrate readiness by earning at least two diploma seals, one of which must be state-defined. Seals help students develop an array of critical skills that are valuable to them as they transition to the next steps after high school. Schools should consider encouraging students to pursue seals that meet their individual interests and skills. Graduation planning will be an important step in supporting students in earning their seals.



South Range High School Definition of Local Seals

Students will finalize any local seals they earn when they meet with the school counselor in the fall of senior year to complete their senior audits.

1. Community Service Seal
 - a. Students must verify that they participated in and satisfactorily completed 30 total hours of unpaid community service while in high school (grades 9-12).
2. Fine and Performing Arts Seal
 - a. Students must complete three years of a fine art program during high school. Such programs can be visual, vocal, instrumental, or performance-based art.
3. Certified Student Engagement Seal
 - a. Students must verify that they participated in and satisfactorily completed any combination of five full seasons of athletic and/or extracurricular activities.

Physical Education Waiver

South Range students can be excused from the physical education (PE) requirement for graduation by participating in district-sponsored interscholastic athletics, marching band, or cheerleading for at least two seasons (over two years). If the physical education requirement is waived, the student will be required to complete one-half unit, consisting of at least 60 hours of instruction, in another course of study. Participation in only one (1) full season cannot be combined with 0.25 credits of PE to meet the PE requirement for graduation. Please see the school counselor for more information.



STUDENT RESPONSIBILITY

It is the responsibility of each student to make certain that all requirements for graduation and athletic eligibility are met. Rules, regulations and policies regarding scholastic credit should be reviewed carefully. The school counselor and administration will make every effort to see that students are scheduled properly. *It is each student's responsibility to monitor his/her progress toward earning a high school diploma.* Graduation and athletic eligibility requirements are listed in the student handbook and this curriculum guide (page 9).

Course Load

All students must carry at least five (5) equivalent courses each semester. No more than 2 study halls are allowed each semester. Students selecting semester courses should take the companion course, if one is offered. Students who are participating in athletics should monitor the course work taken each semester to meet the athletic participation requirement. The OHSAA requires the passing of 5 classes (excluding PE) each nine week grading period. In addition, the Board of Education requires a minimum 1.0 GPA for athletic participation (Policy 2431).

Grade Status

Ninth grade students who earn at least five (5) credits will be promoted to the tenth grade. Tenth grade students who have earned ten (10) credits will be promoted to the eleventh grade. To be considered a senior, a student must have been in high school at least 3 years and earned a total of fifteen (15) credits and be enrolled in a program which will enable him/her to graduate at the end of the year.

Standards for Certain Subjects

Students who receive poor grades in sequential subjects such as math or global language are more likely to experience difficulty at the next level in those subjects. Consequently, those receiving a grade of "D" in these subjects will not be permitted to continue without teacher approval. Sequential courses typically cannot be taken during in the same year.

POLICIES

Early Graduation

Early Graduation is permitted as long as all steps are properly followed that are outlined in our school board policy book (section IKFA).

Add/Drop

Students will only be permitted to change classes with teacher, counselor and parent approval. Changes are permitted from the first through the fifth day of the semester. Any student who drops a class after the fifth day will receive a withdrawn failing (WF) for that class. This will be calculated as an F in the GPA for the year.

Repetition of Courses

Students who receive a failing grade in a course may retake the class the following year. At the conclusion of retaking the course, both grades will be calculated in the students' GPA.

GED

[A certificate of high school equivalence \(GED\) for students who have withdrawn may be sought under the following conditions:](#)

1. Student officially withdrawn from school.
2. Student did not earn a high school diploma.
3. A copy of the withdrawn form signed by a school official must be submitted to the State of Ohio High School Equivalence Office.
4. If between the ages of 16-18, the student must provide written approval from the parent, guardian, or court official. A signed and notarized consent form (provided on ODE's website) must be submitted to the State of Ohio High School Equivalence Office.

Fees

Course fees (including purchase of graphing calculators) are the students' responsibility. Course fees are given to students at the beginning of each semester.

Length of School Day

The high school day consists of seven 52 minute periods and a 30 minute lunch.

Sport Participation

High School Grades 9-12 (Ohio High School Athletic Association)

- Player must not have turned 19 prior to August 1 to play that year.
- Player must have received passing grades in a minimum of five one credit courses, or the equivalent, in the immediately preceding grading period.
- Students will remain ineligible until the start of the fifth school day of the next grading period. **The 4th nine week report period is used to determine the eligibility for fall inter-scholastic activities; summer school grades shall not be used for fall eligibility purposes.**
- Player must maintain a minimum 1.0 GPA.

College-Division I or II

All students wishing to participate in Division I or II athletics at the university level must register with [NCAA Eligibility Center](#). Applications should be completed at the end of the student's junior year and *no later* than the start of his/her senior year.

Student-athletes are encouraged to talk with the athletic director, Mr. Donee Feren, and/or coach for more information.

For more information regarding test scores and sliding scales, please click [here](#).

ACADEMIC RECOGNITION

Students must meet all but one of the following criteria. Each of these criteria go beyond the standard requirements for a diploma for the classes of 2023 and beyond. Students must meet general graduation requirements and complete the requirements outlined below to qualify for honors diplomas. Students may replace one requirement of either 4, 5, or 6 with a “Student Strength Demonstration.”

Academic Honors Diploma

1	Math	Fourth math credit must be > than Algebra 2
2	Science	One additional unit Advanced Science
3	Social Studies	One additional unit Social Studies
4	World Language	Three sequential units of one world language, or no less than 2 sequential units of 2 world languages
5	GPA	3.5 out of a 4.0 scale
6	ACT/SAT	ACT: Score of 27 or higher. SAT score of 1280 or higher
7	Seal Requirement	Earn two additional diploma seals, not including Honor’s Diploma Seal
8	Experiential Learning	Field Experience, OhioMeansJobs Readiness Seal*, Portfolio or Work-Based Learning

**Students can use OMJ Readiness Seal in 2 additional seals requirement if it is not used in Experiential Learning*

Student Strength Demonstration Replacement

Students can use the Student Strength Demonstration to replace one of either the ACT/SAT, GPA or World Language requirement for any Honors Diploma. The Student Strength Demonstration options are listed below. The same options exist for each of the six honors diplomas* but, where relevant, should reflect coursework or experiences relevant to the theme of the Diploma. For example, a student earning the Academic Honors Diploma and using the College Credit Plus option to replace another requirement for the diploma should have College Credit Plus courses relevant to the Academic Honors diploma.

Student Strength Replacement Options:

[College Credit Plus](#): 12 total College Credit Plus credit hours

[Advanced Placement](#): three courses with score of 3 or higher on AP tests

[Career-Technical Assurance Guide](#) (CTAG): 12 total credits

[Apprenticeship/Pre-Apprenticeship](#): Completion or Evidence of Acceptance if required to be older than 18

[WorkKeys](#): Score of 6 or higher on all tests (*void for Career-Tech Honors Diploma)

[Armed Services Vocational Battery](#): Score of 50 or above on the ASVAB

[Work-Based Learning](#): 250 total hours of work-based learning

Additional Honor Diplomas

[International Baccalaureate Honors Diploma](#)

[Career-Tech Honors Diploma](#)

[STEM Honors Diploma](#)

[Arts Honors Diploma](#) (*includes dance, drama/theater, music, visual art*)

[Social Science and Civic Engagement Honors Diploma](#)

National Honor Society

To be **eligible for consideration** for NHS, a student must be a junior or senior in high school and have a minimum **3.5 cumulative** grade point average halfway through their junior (5th semester) or senior year (7th semester).

To be selected, students eligible must also have high marks in leadership, character, and service. The final selection is made annually by a faculty committee.

The Laude System to Determine Academic Honors

The Laude System is a way to recognize academic honors in graduates. Parallel to the collegiate system, South Range High School will recognize students who have achieved academic standing as Cum Laude, Magna Cum Laude and Summa Cum Laude. Students who earn these levels of honors exemplify the qualities needed to reach the highest level of coursework obtainable as s/he attends South Range High School. These individuals are high-achieving and self-motivated leaders in the classroom who take on challenging coursework.

Designations

Cum Laude - with distinction	Range: 3.5-3.699
Magna Cum Laude - with great distinction	Range: 3.7-3.899
Summa Cum Laude - with highest distinction*	Range: 3.9 and above

**Student in this rank must meet requirements for and earn an Honors Diploma*

Under the Laude system, students must meet the above outlined criteria in order to be recognized. **Student must minimally have a 3.5 cumulative GPA (calculated at the end of the SEVENTH SEMESTER).** Students that earn a GPA higher than a 3.9 but do not receive an Honors Diploma, will be recognized as Magna Cum Laude.

EDUCATION OPTIONS

Career Training

Career training is available at the Mahoning County Career and Technical Center (MCCTC). This opportunity is available to students, beginning in grade 11, who have successfully completed coursework during grades 9 and 10. Applications should be made in fall/winter of sophomore year when the entire sophomore class visits the MCCTC.

College Credit Plus

Ohio's College Credit Plus (CCP) can help students earn college and high school credits at the time by taking college courses from community colleges or universities. CCP replaces post-secondary, SB140, College-in-High School, and the Seniors to Sophomores programs. The purpose of CCP is to promote rigorous academic pursuits and to provide a wide variety of options to college-ready students. When a student takes a college course from a public college or university, there is no cost for tuition, books or fees. If a student chooses to attend a private college or university, he/she may have limited costs.

CCP is available to all students in grades 7-12. Colleges will admit students based on their college-readiness in one or more subject areas. A letter of intent must be completed for any interested student each school year by April 1. More information about College Credit Plus can be found on the high school guidance website and students' grade-level Google Classrooms.

Credit Recovery

South Range High School will accept online and summer school course credit under certain conditions. Approval must be obtained from the principal/guidance counselor BEFORE enrolling (principal/counselor signature required on summer school enrollment form). **Seniors who enroll in online/correspondence courses must complete and have their transcript in the office by May 15.** No student may enroll in online or summer school courses unless one of the sequential courses at South Range High School has already been failed.

Credit Flexibility

This education option gives students a way to be in charge of their learning. The key to this option is that the student drives the request to learn differently as well as the plan to earn the credit. A specific interest of the student is the basis for the request. The student and family talk with the principal, counselor and teachers about the way to fulfill the student's request and to meet requirements for earning a high school credit or credits. The school approves the plan, which includes how the student will know he or she has succeeded. In some cases, this could be a test, a project or a combination of several measures. The student, school and family create the plan together, which can include a cost to the student.

COURSE DESCRIPTIONS

ENGLISH

English 9

1 credit, 1 year
Grade 9

Required for graduation

As the year progresses, short stories and non-fiction will be studied, as well as Shakespeare's Romeo and Juliet. Poetry, novels, and presentations round out the year. Writing and various technologies will accompany all areas of instruction with a strong focus on argument. Rigor, paired texts, and synthesis of info will be stressed (students will also prepare for the sophomore end-of-course state test).

English 10

1 credit, 1 year
Grade 10

Required for graduation

English 10 will focus on expository and argumentative writing which examines well-developed paragraphs and essays. A research project will be developed and an oral presentation will be made to the class. A survey of literature by authors from around the world will include samples of Shakespeare, short stories, poetry, and novels. Applying literary terminology is accomplished through writing summaries and opinions of the literature and completing projects (students will also prepare for the end-of-course state test).

Prerequisite: Passage of English 9.

Honors English 10

1 credit, 1 year
Grade 10

Successful completion of summer assignments is required. Being included in Honors English 10 means students will complete all of the English 10 requirements. These assignments will be given at a quicker pace, with a higher expectation and a longer length than regular English 10. In addition, throughout the year, additional reading and writing will be given as well as additional. We will raise the bar and the rigor of the course will be a major focus of our honors class (students will also prepare for the end-of-course state test).

Prerequisite: Teacher recommendation and B letter grade in English 9 with no C term grades.

English 11

1 credit, 1 year
Grade 11

Required for graduation

English 11 is a **college-prep course** that explores American Literature by focusing on common American themes. Novel work will supplement class activities. Both reaction and argumentative papers will be written as well as a speech given. Poetry will be studied and response papers written. The main focus of the course will be a research paper. A focus on college/career requirements students to become focused on their future vocation, military, college, major, or career choices. miscellaneous projects will take place as well.

Prerequisite: Passage of English 10

Honors English 11

1 credit, 1 year
Grade 11

Successful completion of summer assignments is required. Because of the state law, the Honors English 11 course will cover the same material as English 11 but at an accelerated pace and with emphasis on different areas, such as discussion, speech writing, college prep assignments, and longer, more focused writing. An entrance essay may be required.

Prerequisite: English 10 teacher recommendation is required and a B letter grade in English 10 with no C term grades.

English 12

1 credit, 1 year
Grade 12

Required for graduation

This course aims to allow senior students to both complete their high school English requirements and prepare them for what comes next. We will cover a variety of authors, texts, and genres, always aiming to connect and apply these to real-life situations. This course will integrate literature, film, informal writing, presentations, and more. We will integrate extensively and, in the end, we will say goodbye and find closure for our senior year!

Prerequisite: Passage of English 11.



Honors English 12

1 credit, 1 year

Grade 12

Successful completion of summer assignments is required. While this course will cover most of what English 12 covers, it will be at an accelerated pace. This is a more independent course and will aim to prepare students for college writing and level critical thinking. We will cover a variety of authors, texts, and genres, always aiming to connect and apply these to real-life situations. This course will integrate literature, film, informal writing, presentations, and more. We will integrate extensively and, in the end, we will say goodbye and find closure for our senior year! Students will have a choice to take an AP exam. It is NOT required.

Prerequisite: Open to students with a B or better in Honors English 11 and teacher recommendation.

Film Studies

1/2 credit, 1/2 year

Grades 11, 12

We will cover a variety of film genres, learning about film techniques, acting, directing, thematic elements, and more! Films are mostly Oscar-worthy or cult-classic films. We will cover drama, comedy, horror, sport, action, crime, adventure, and more. Students are expected to watch the movies and complete the accompanying assignments. Students may take the course for one semester or both semesters for a full credit.

Parent permission is required for this course.

Yearbook I

1 credit, 1 year

Grades 10, 11, 12

Students will learn how to apply the terminology and tools of the yearbook in order to create and design layouts, write and label copy, and measure and crop photographs. This will take place under the guidance of the yearbook advisor, Yearbook II, and yearbook editors. The students will also be responsible for raising the money to produce the book by selling ads, selling yearbooks, and participating in yearbook-sponsored events. In addition, all yearbook students are required to attend school the week after school has ended in order to finish the yearbook.

Prerequisite: C in English and English teacher recommendation, approval of yearbook teacher

Yearbook II

1 credit, 1 year

Grade 12

The students will be responsible for all of the requirements in Yearbook I. In addition, Yearbook II students will aid in the training of Yearbook I students.

Prerequisite: Yearbook I

Yearbook Editors

1 credit, 1 year

Grades 11, 12

All requirements for Yearbook I & II must be met. In addition, the students will be responsible for thematic decisions, ladder designs, editor deadlines, guidance of Yearbook I & II, and management of the editor's board. All of these responsibilities will be coordinated under the guidance of the Yearbook advisor.



SOCIAL STUDIES

World Studies/Integrated World Studies

1 credit, 1 year

Grade 9

Required for graduation

World Studies is a survey of the history of man from 1750 until the present with an emphasis on European history. This class will discuss the major events that have changed the course of history, how nations have settled their conflicts in the past, and what caused these conflicts to arise. Also discussed will be how civilizations have governed themselves and special attention will be given to outstanding personalities of the past and their contributions to our way of life.

****Integrated World Studies is not considered a college preparatory class.***

American Studies/Integrated American Studies

1 credit, 1 year

Grade 10

Required for Graduation

The goal of American Studies is to help the students appreciate our cultural heritage. Starting with reconstruction, students will study the American labor movement, and the social and economic development of the late 1900's. In addition, the twentieth century will be analyzed, looking at the causes and effects of World War I & II, the roaring twenties, and the depression. Contemporary history will be thoroughly discussed with emphasis on its influences in our present day.

****Integrated American Studies is not considered a college preparatory class.***

AP US History

1 credit, 1 year

Grade 10

This is an accelerated course designed to give the highly capable, motivated students an intensive study of American history. This course involves the reading and in-depth analysis of a significant body of historical writing from the pre-Columbian era to the present. A lecture/discussion format is used in the class, heavily emphasizing the development of critical thinking and writing skills. This class is the equivalent of an introductory college survey course in US history, and as such will be rigorous, fast paced and homework-intensive. Students will be required to gain a majority of the factual information outside of class time. The in-school class period will be spent analyzing and discussing the information learned at home. Historical analysis is done by way of thematic essays and research papers as well as oral presentations. This course is intended to help prepare students to take the US History Advanced Placement exam.

Prerequisites: Successful completion of summer reading requirements (2-3 assigned books (titles TBD) and writing a summative analysis of each, final grade of 90% in both 9th grade history and English classes, and recommendations of history and English teachers.

American Government

1 credit, 1 year
Grade 11

Required for Graduation

American Government involves the study of our national constitution and amendments including why and how it was written and what it means today, especially with regard to civil rights. Our democratic form of government is studied at the national, state, and local levels, with emphasis on the structure and operation of the individual levels of government.

Economics

1/2 credit, 1 semester
Grades 11, 12

Economics is the science that studies the choices of people trying to satisfy their wants in the way a society decides what goods to produce, how to produce them and for whom they will be produced.

American Pop Culture

1/2 credit, 1 semester
Grades 11, 12

Students will study the aspects of American culture that have had a tremendous influence on who we are as a nation (and nationality) and which are most often overlooked in the traditional US history course. Students will trace the development and trends of selected topics analyzing the impact each has had on “the American Way.” Topics of study will include music, movies, television, arts/literature, sports, fads, and fashions. Through individual and group research/activities, students will enhance critical thinking, writing, and presentation skills. Students will use varying materials including classroom available texts, the internet, newspapers, and magazines.

Intro to Psychology

1/2 credit, 1 semester
Grades 11, 12

Intro to psychology is meant to provide a general introduction to the field of psychology. In this course, will study human behavior and mental processes. Among the topics discussed are development, learning, memory, perception, personality, motivation, social behavior, abnormal behavior and therapy. This course will emphasize the importance of the scientific method and how it is applied to the analysis and measurement of individuals and groups.

SCIENCE

Physical Science

1 credit, 1 year
Grade 9

Required for graduation

Physical Science is an introduction to the principles of chemistry and physics that will allow students to understand the world around them. Hands-on laboratory activities will be a major part of the course, designed to reinforce the main concepts covered in the classroom. This course is required for all freshmen.

Biology

1 credit, 1 year
Grade 10

Required for graduation

Biology will take students through a study of the nature of life and the interaction of life processes with environments. Life will be analyzed at several levels (cellular, organism, ecosystem, etc.) to understand the applications of chemical and physical principals to living systems. This class meets the college prep lab science requirement. This course is required for all sophomores who earned a credit in Physical Science.

Integrated Science III

1 credit, 1 year
Grade 11

Integrated Science III will encourage students to engage in diverse scientific experimentation and problem-solving situations to which they must bring sufficient knowledge and skills to accomplish various projects. Students will utilize many different scientific content areas to do projects and activities, which will require research, creativity, and the application of scientific principles. This class meets the college prep lab science requirement.

Chemistry

1 credit, 1 year
Grades 11, 12

This course is designed to meet the needs of the college-bound student. Chemistry is the study of matter and the changes it undergoes in chemical reactions. Laboratory experimentation will involve prediction, observation, measurement, recording data, and proper report writing techniques. Students will develop concepts in problem solving, structure of matter, chemical bonding, and chemical changes. Mathematical concepts are an integral part of the course.

Prerequisite: Algebra I required, 1 year of any lab science, with a minimum "C" average in both, but a "B" average in Algebra is strongly recommended.

Advanced Chemistry

1 credit, 1 year

Grade 12

This course is designed to meet the needs of the college-bound student. Advanced Chemistry will continue the study of matter and the changes it undergoes. Laboratory experimentation will involve prediction, observation, measurement, recording data, and proper report writing techniques. Students will develop concepts in problem solving, chemical periodicity, bonding geometry, solutions, kinetics, equilibrium, acids and bases, oxidation-reduction, organic chemistry, and nuclear chemistry. Mathematical concepts are an integral part of the course.

Prerequisite: Algebra I and Chemistry (minimum “C” average in both, but “B” is highly recommended).

Physics

1 credit, 1 year

Grade 12

This is a college preparatory course in the fundamentals of physics. The course content mainly centers on the major concepts of the laws of motion, conservation of momentum and energy, friction, and rotational equilibrium. The student is asked to apply related mathematical concepts to explain various phenomenon, predict outcomes, and solve related problems. Some laboratory experiments will be offered when possible to demonstrate the mathematical predictability associated with these principles.

Prerequisite: Chemistry; minimum 1 year of Algebra and Geometry with a minimum “C” in both, but a “B” average is strongly recommended.

Anatomy/Physiology

½ credit, 1 semester

Grades 11, 12

Anatomy & Physiology is a course designed for students with an interest in understanding how the human body functions as a whole composed of individual organ systems. This course serves an excellent foundation for students entering the biological or medical field. Students will actively learn about each organ system individually through lecture, laboratory activities, modeling activities, inquiry-based activities, and research.

MATHEMATICS

Algebra I

1 credit, 1 year
Grade 9

Required for graduation

This course develops the student's ability to understand the basic structure of Algebra. It also develops an understanding of applying algebraic concepts and skills, solving linear and quadratic equations, graphing, solving and interpreting applied problems, and an introduction to probability and statistics. Algebra I is the first in a sequence that would empower the student to succeed in advanced mathematical topics. **A graphing calculator will be required (TI-84 Plus or TI-Nspire).**

Plane Geometry

1 credit, 1 year
Grades 9, 10

This course introduces Euclidean geometry. It focuses on establishing triangle congruence criteria using rigid motions and formal constructions, as well as building a formal understanding of similarity based on dilations and proportional reasoning. It also helps students develop the concepts of formal proof, explore the properties of two- and three-dimensional objects, work within the rectangular coordinate system to verify geometric relationships and prove basic theorems about polygons. Students also use the language of set theory to compute and interpret probabilities for compound events. Students will be involved in communicating information mathematically, solving problems from a real world context and justifying the solutions to problems. **A scientific calculator such as TI-30XIIS or a graphing calculator (TI-84 Plus or TI-Nspire) will be required.**

Prerequisite: Algebra I

Honors Plane Geometry

1 credit, 1 year
Grade 9

This is the second class of five-year mathematics sequence designed for students to acquire college credits in math. This course will introduce Euclidean geometry to the students. A system of geometric models and axioms will be developed and applied to problem situations and used to construct formal proofs. Properties of polygons, areas, and volumes will be addressed, along with a full introduction to trigonometry. The class will also analyze and solve systems of linear equations. **A graphing calculator will be required (TI-84 Plus or TI-Nspire).**

Prerequisite: "B" in 8th grade Algebra 1 and teacher recommendation.

Quantitative Reasoning

1 credit, 1 year

Grades 11, 12

Do you like to work and communicate with others? Do you enjoy hands-on activities using real-world contexts? Then Quantitative Reasoning might be for you! Quantitative Reasoning is designed to promote reasoning, problem-solving and modeling through thematic units focused on mathematical practices. The course builds upon previous knowledge and extends that knowledge to new situations to create a deeper understanding. Critical thinking and communicating about mathematics are the primary objectives of the course.

Prerequisite: Algebra I and Plane Geometry.

Algebra II

1 credit, 1 year

Grades 9, 10, 11, 12

Required for Graduation

The purpose of this course is to extend the concepts introduced in Algebra I, along with introducing trigonometric functions, matrices, conic sections, systems of real and complex numbers, and logarithms. This is the third course in a sequence that would empower the student to succeed in advanced mathematical topics. **A graphing calculator will be required (TI-84 Plus or TI-Nspire).**

Prerequisite: Algebra I and Plane Geometry

Pre-Calculus

1 credit, 1 year

Grades 10, 11, 12

This course places an emphasis on preparing the student for college calculus. The course includes function theory, solving polynomial equations, advanced trigonometry, exponential and logarithmic functions, analytical geometry, and, time permitting, an introduction to calculus, including the concept of a limit, a derivative, and an integral. This is the fourth course in a sequence that would empower the student to succeed in advanced mathematical concepts. A graphing calculator will be required.

Prerequisite: Algebra II



College Credit Plus Math Courses

Introductory to Statistics-Kent State: MATH 10041, 4 Credit Hours

1 high school credit, 1 semester

(Equivalent to [MATH 10040](#)) An introduction to statistical thinking and statistical methods. Emphasis is on statistical literacy, conceptual understanding and active learning in the classroom. No credit earned for this course if a student already earned credit for [MATH 10040](#). Students who do not meet the prerequisites but do have a minimum of 3.5 high school GPA should contact the department for approval to register.

Prerequisite: Minimum 22 ACT math score; or minimum 530 SAT math score; or minimum 35 ALEKS Math score; or [MATH 00022](#) with a minimum C grade; or any higher level MATH course.

Algebra for Calculus Plus-Kent State: MATH 10775, 4 Credit Hours

1 high school credit, 1 semester

(Equivalent to [MATH 10675](#) or [MATH 11010](#)) Course includes an extensive and rich immersion into the structure of functions. Routine analysis includes discussion of domain, range, zeros, general function behavior (increasing, decreasing, extrema, etc.). Operations with functions, including addition, subtraction, multiplication, division, composition and inversion. Functions are studied as a tool to analyze rates of change in real-world scenarios. The emphasis is on linear, polynomial, exponential and rational functions, with an extensive problem-solving component. Skill review is included in the course, as is time studying quadratic functions, absolute value functions, systems of equations and extended time on logarithms.

Prerequisite: ALEKS math score between 45 and 54; or [MATH 10772](#) with a minimum C grade. HS GPA of 3.5 or higher to earn college credit (if GPA not met, student must earn 55 on ALEKS).

Trigonometry-Kent State: MATH 11022, 3 Credit Hours

1 high school credit, 1 semester

Solution of triangles, trigonometric equations and identities.

Prerequisite: Minimum 67 ALEKS math score; or minimum C grade in [MATH 10675](#) or [MATH 10775](#) or [MATH 11010](#).

Analytic Calculus & Geometry I-Kent State: MATH 12002, 5 Credit Hours

1 high school credit, 1 semester

Concepts of limit, continuity and derivative, and the indefinite and definite integral for functions of one real variable. Maximization, related rates, fundamental theorem of calculus. No credit earned toward a degree for this course if the student already earned credit for [MATH 12011](#) and [MATH 12012](#).

Prerequisite: Minimum 78 ALEKS math score; or [MATH 11022](#) with a minimum C grade.

WORLD LANGUAGES

Spanish I

1 credit, 1 year

Grades 9, 10, 11, 12

This is an introductory course to the Spanish as a second language series. The course emphasizes basic oral and written communication through the use of fundamental grammatical structures while focusing on pronunciation and vocabulary building. Students will also broaden their life perspective by learning about Latino culture.

Strongly recommended: (for grade 9) A or B in English 8 or a C in English 8 with teacher recommendation OR (for Grades 10-12) C or better in grade-level English course.

Spanish II

1 credit, 1 year

Grades 10, 11, 12

This is the second level of the Spanish as a second language series. The course emphasizes oral and written communication through the use of fundamental grammatical structures and some intermediate structures. There is a focus on language skills that would be applicable in real-life situations in a Spanish-speaking country. Students will continue to broaden their life perspective by learning about the Latino culture. Students are also expected to continue to develop self-learning skills.

Prerequisite: Passage of Spanish I with C or better.

Spanish III

1 credit, 1 year

Grades 11, 12

This is the third level of the Spanish as a second language series. The course emphasizes oral and written communication through the use of intermediate grammatical structures, some advanced structures, and a review of all previously learned structures. Students are expected to achieve an intermediate level of understanding and usage in order to allow for successful independent learning upon visiting or living in a Spanish-speaking nation. Students will develop a moderate understanding of the Latino culture and be able to relate that understanding to their own culture and other cultures around the world. Students are also expected to utilize self-learning skills.

Prerequisite: Passage of Spanish II with C or better.

Spanish IV

1 credit, 1 year

Grade 12

This is the fourth level of the Spanish as a second language series. The course is intended to help students approach fluency in reading, writing, speaking, and listening. Students are expected to be self-motivated with a desire to be challenged as they prepare for college and the real world. Course topics include the study of Cultural Comparisons as related to Families, Beauty & Art, Science & Technology, and Environmental, Political & Social Challenges. Level IV also serves as preparation for college placement exams including the (optional) Avant Stamp 4-S Test and/or the AP Spanish Language and Culture Exam. The goal is to earn The Ohio Global Seal of Biliteracy which typically provides students with 15 University credit hours and allows students to immediately register for classes that count toward a Spanish major/minor (eliminating the need to take Spanish prerequisite classes and also fulfilling foreign language requirements for non-Spanish majors).

Prerequisite: A or B in Spanish III, or C with instructor approval

French I

1 credit, 1 year

Grades 9, 10, 11

This is an introductory course to the French language emphasizing basic pronunciation, fundamental grammatical structures, reading, writing, and culture.

Prerequisites: (for grade 9) A or B in English 8 or (for grades 10-12) C or better in grade-level English course.

French II

1 credit, 1 year

Grades 10, 11, 12

This course emphasizes more complex vocabulary and grammar structures along with reading, writing, conversational ability, and culture.

Prerequisite: C or better in French I.

French III

1 credit, 1 year

Grades 11, 12

This course requires knowledge of core vocabulary and grammatical structures. Students demonstrate advanced skills in reading and writing. Course topics include literature, history, and/or culture.

Prerequisite: C or better in French II.

French IV

1 credit, 1 year

Grade 12

This course requires knowledge of core vocabulary and grammatical structures. Students demonstrate advanced skills in reading and writing. Course topics include literature, history, and/or culture. Literature and culture topics will vary from level III. Level IV serves as a review for college placement exams.

Prerequisite: C or better in French III

German I

1 credit, 1 year

Grades 9, 10, 11

This is an introductory course to the German language emphasizing basic pronunciation, fundamental grammatical structures, reading, writing, and culture.

Prerequisites: (for grade 9) A or B in English 8 or (for grades 10-12) C or better in grade-level English course.

German II

1 credit, 1 year

Grades 10, 11, 12

German II emphasizes more complex vocabulary and grammar structures along with reading, writing, conversational ability, and culture.

Prerequisite: C or better in German I.

German III

1 credit, 1 year

Grades 11, 12

This course requires knowledge of core vocabulary and grammatical structures. Students demonstrate advanced skills in reading and writing. Course topics include literature, history, and/or culture.

Prerequisite: C or better in German I.

German IV

1 credit, 1 year

Grade 12

This course requires knowledge of core vocabulary and grammatical structures. Students demonstrate advanced skills in reading and writing. Course topics include literature, history, and/or culture. Literature and culture topics will vary from level III. Level IV serves as a review for college placement exams.

Prerequisite: C or better in German III.

FINE ARTS

Art Talks

1/2 credit, 1 semester

Grades 10, 11, 12

Students learn an appreciation for visual art through explorations and critiques of various artists, periods, and styles. Students learn by investigating and responding to art through informal group discussions, group projects, reports, and games. The class will also go on virtual tours to experience museums in real time.

Drawing

1/2 credit, 1 semester

Grades 9, 10, 11, 12

Students learn how to improve their direct observational drawing skills through several basic drawing methods using pencil, charcoal, and marker. Students are acquainted with the fundamentals of drawing in linear perspective, still life, and portraits.

Painting

1/2 credit, 1 semester

Grades 9, 10, 11, 12

Students first learn the fundamentals of color theory and color mixing. Painting subjects focus on 3D form, still lifes and landscapes. Students then apply this knowledge in two dimensional composition using various techniques and media including acrylic, oil, and watercolor paints.

Ceramics & 3D Art

1/2 credit, 1 semester

Grades 10, 11, 12

Students experience various forms of 3-dimensional art. Projects will include sculptures using plaster techniques and polymer clay. A focus on ceramics will allow students to explore techniques from hand building to wheel throwing. Firing operations and glaze processes will also contribute to student skills.

Prerequisite: Drawing OR Painting

Photography & Digital Arts

1/2 Credit, 1 semester

Grades 9, 10, 11, 12

Semester course designed as an entry level course for photography and basic Photoshop skills. Every student, regardless of their prior experience or ability level on the computer, will be introduced to Adobe Photoshop and basic photography. This class will focus on creative and interesting projects and subject matter using art elements and principles of design. Students will also be introduced to art criticism, art history, and aesthetics. All students must have permission to use school technology to participate in this class.

Advanced Portfolio

1/2 credit, 1 semester

Grade 12

Studio art is designed for students who are seriously interested in the field of fine arts. They must be highly motivated, self-directed and extremely creative. This course allows students, under the guidance of the teacher, the freedom to develop their personal style and explore themes that are meaningful and relevant to their lives. To enter students will create an artist statement with intent along with sample works from previous years. Once accepted, students will create a minimum of 8 pieces (4 per nine weeks). If desired, students may organize artwork for college admissions and/or scholarships. Evaluations are based on submitted work periodically through the nine weeks and use of their time. Produced art work will be held to high standards and will be graded accordingly.

Prerequisite: Minimum 1.5 credits of visual arts

MUSIC

Band

1 credit, 1 year

Grades 9, 10, 11, 12

Band is a course designed to provide a well-balanced ensemble experience for instrumental music students while developing fundamental skills in rhythms, intonation, tonal quality, style, phrasing, and leadership. Quality musical standards and the individual technical contributions of each member to the ensemble are emphasized. This ensemble performs at football games, basketball games, parades, concerts, festivals, and contests.

Although band is considered a curricular course, extra-curricular opportunities also exist, which include district honor bands, Stambaugh Youth Concert Band, Youngstown Youth Symphony, and solo and ensemble adjudicated events.

Jazz Ensemble 1

1/2 credit, 1st semester

Grades 9 10 11 12

Jazz Ensemble is a course designed to provide a well-balanced study of jazz music. Students will be exposed to many jazz styles while developing skills in jazz and improvisation. jazz ensemble performs special events, concerts and community public performances.

Prerequisite: Be enrolled as a member of the instrumental music department.

Exceptions can be made based on auditions and consultation with the band director.

Jazz Ensemble 2

1/2 credit, 2nd semester

Grades 9, 10, 11, 12

Jazz Ensemble is a course designed to provide a well-balanced study of jazz music. Students will be exposed to many jazz styles while developing skills in jazz and improvisation. Jazz ensemble performs special events, concerts and community public performances.

Prerequisite: Be enrolled as a member of the instrumental music department.

Exceptions can be made based on auditions and consultation with the band director.

Choir

1/2 credit, 1st semester

Grades 9, 10, 11, 12

A course designed to provide a well-balanced ensemble experience for experienced choral music students while developing fundamental musical skills. The ensemble is open to all high school students and performs at concerts, contests, festivals, and community events.

Show Choir

1/2 Credit, 2nd semester

Grades 9, 10, 11, 12

In this class students will study and perform vocal music in the jazz, pop, Broadway and swing styles. Some of the selections will be choreographed. Movement (choreography) will be used where appropriate to enhance the vocal rendition of various selections.

History of Rock N' Roll

1/2 credit, 1 semester

Grades 9, 10, 11, 12

To introduce students to rock and roll by visiting time periods in history to the present. Students will learn how rock 'n roll began and how early rock 'n roll influences the artists of today. The Rock n' Roll Hall of Fame trip is not required and does have a fee attached to include ticket price and lunch for those that choose to participate.

HEALTH & PHYSICAL EDUCATION

Health

*1/2 credit, 1 semester
Grade 8/9**

Required for graduation

The health courses cover several areas. A basic knowledge of the systems of the body is taught so the students understand the relationships of the systems and how growth affects the entire body. The proper care of the body is shared as well as up-to-date information on diseases and their prevention. The effects of drugs, alcohol, and tobacco are studied so the students can make informed decisions. The importance of goal setting and positive attitudes is studied as well as emotions.

****Health for high school credit is completed in 8th grade at SRMS
New SRHS students who transfer in without completing Health will take the
course online.***

Physical Education*

*1/4 credit, 1 semester
Grades 9, 10, 11, 12*

Required for graduation

The incorporation of fitness and conditioning into one's lifestyle will be the focus of PE. Through weight training, cardiovascular endurance exercises and aerobic work-outs, improving one's health will be the goal of this class. Team and individual sports will also be incorporated in an attempt to promote lifelong physical activity. This is a participation course. Letter grades are assigned.

MUST BE TAKEN TWICE

****PE waiver option***



FAMILY & CONSUMER SCIENCES

Food Fundamentals

1/2 credit, 1 semester

Grades 10, 11, 12

Explore information about food in this class designed to give students a basic understanding of food science and preparation. Students will participate in hands on foods labs where they will prepare and cook their own food. Basic nutrition information and how to make healthy choices are also explored as it relates to our lifestyle.

Creative Cooking

1/2 credit, 1 semester

Grades 11, 12

This expanded food class offers more in-depth information into the details of planning and preparing food. Baking, desserts, appetizers, garnishing, food presentation, party planning and entertaining are just several of the topics covered in this course. Students will get hands on experience in food preparation and presentation as well as event planning. Students will also have the opportunity to learn about food from other nations and cultures.

Prerequisite: Successful completion of Food Fundamentals

Creative Living

1/2 credit, 1 semester

Grade 9

This course is designed to give students an introduction into all areas of Family and Consumer Sciences. Students will explore basic cooking, human relations, careers, problem solving, goal setting, housing, interior design and much more.

Smart Food/Smart Money

1/2 credit, 1 semester

Grades 10, 11, 12

Required for graduation (financial literacy)

This course focuses on developing a healthy student. Nine weeks of this course is devoted to nutritious, yet enjoyable foods. Students will learn to create healthy food choices and produce meals that are healthy and simplistic. The second nine weeks is devoted to creating a smart and healthy financial lifestyle. Career options, personal standard of living and family resources will be a large part of this course. Students will learn to manage a checkbook and live successfully within a budget.

Psychology Applied to Relationships

1/2 credit, 1 semester

Grades 11, 12

Principles of psychology are learned through applying them in reality-based situations: reasons for human behavior, getting what you want out of relationships, dealing with difficult people. Learn the keys to handling anger, building self esteem and improving relationships. This course is strongly recommended for those entering professions working with people.

Child Development

1/2 credit, 1 semester

Grades 10, 11, 12

This course will thoroughly explore life through adolescence. We will study physical, intellectual, emotional, and social development. This class will provide in depth information about children in order to better prepare you for hands on experience with children. In this class, you will gain firsthand experience in an elementary setting, working with younger students on a daily basis. You may find this course valuable in testing your interest in teaching or human services fields that require a high level of personal interaction. You will learn how to set up a safe and healthy educational environment for children, using principles of positive guidance, how to create basic lesson plans with visual aids and how to provide a developmentally appropriate learning environment.

TECHNOLOGY

Web Page Design

1/2 credit, 1 semester

Grades 9, 10, 11, 12

This course covers the basics of web page development. HTML, Adobe Dreamweaver, graphics, and animation will be created and implemented into web pages. The course emphasis will be on writing logical structure and well-documented web sites.

Digital Video Production

1/2 credit, 1 semester

Grades 9, 10, 11, 12

This course introduces students to all aspects of digital video, from storyboarding scenes to editing a finished and professional quality video or movie. Throughout this project-based course, students will demonstrate mastery of the key learning objectives by recording and capturing events and editing their own videos. Students will learn advanced editing skills as they create many different types of videos.

Technology Applications

1/2 credit, 1 semester

Grades 9, 10, 11, 12

This course introduces students to projects that will be created with variety of new software programs. The programs will include, but are not limited to: Google Apps and Adobe programs. The real world and how electronics affect the students will be implemented into the curriculum.

Technology Design

1/2 credit, 1 semester

Grades 9, 10, 11, 12

This course introduces students to a process to complete hands-on projects. Design, troubleshooting, researching, problem-solving, and implementing will be key to the learning objectives of the student. Relating classroom tasks to real world functions and tasks will stimulate the students learning process.

CAREER TECHNOLOGY

Pre-Apprenticeship Carpentry 1*

1 credit, 1 year

Grades 9, 10

Engage in hands-on projects putting your skills to the test in carpentry and a variety of other building trades. This course emphasizes tool and worksite safety, along with soft skills development. You will also establish significant networking opportunities along the way. This program also introduces skills and provides experience in many other building trades including brick laying, painting, laborers and more.

Pre-Apprenticeship Carpentry 2*

1 credit, 1 year

Grades 9, 10

Students will continue to engage in hands-on projects putting skills to the test in carpentry and a variety of other building trades. Students in Carpentry 2 will use more refined skills to complete challenging and detailed projects. Tool and worksite safety will continue to be emphasized.

****Students can earn 8 Industry Recognized Credential points for completion of Career Connections Courses 1, 2. Students can earn 12 pt. Industry Recognized Credential for earning your Carpenters Pre-Apprenticeship certificate.***

CAREER CONNECTIONS

Career Connections

1-3 credits, 1 year

Grades 10, 11, 12

The Career Connections Program provides an opportunity to enable students to graduate, to develop good work attitudes, to learn life skills, and to be gainfully employed. The student's day may consist of classroom and a combination of classroom and job experience. Students are required to be gainfully employed in a position approved by the coordinator their junior and senior year of career connections. A minimum of two periods of early release are required for on the job experience. Students average a minimum of 15 hours of work per week through each grading period.

COMMUNITY SERVICE PROJECT

Community Service Project

¼ credit, 1 semester

Grades 9, 10, 11, 12

This program will integrate the curriculum of community service with the South Range High School mission statement. Students will have the opportunity to receive 2 credits toward graduation over a 4 year period. Students must have all activities pre-approved by the community service coordinator. One quarter credit will be awarded for 30 hours of service. A maximum of 240 hours (2 credits) will be given.

Students who earn a minimum of 30 community service hours between grades 9-12 can earn a Community Service Seal.



EXTRA-CURRICULARS

**Academic Challenge
Art Club
Chess Club
Drama Club
FCA—Fellowship of Christian Athletes
FTA—Future Teachers of America
Key Club
National Honor Society
Operation Keepsake: Friends4Friends
RISK (Raiders Interacting to Serve Kids)
Speech & Debate Team
Spirit Club
Student Council
Robotics Club**



INTER-SCHOLASTIC ATHLETIC PROGRAMS

**Baseball
Girls Basketball
Boys Basketball
Cheerleading
Girls Cross Country
Boys Cross Country
Football
Girls Golf
Boys Golf
Girls Soccer
Boys Soccer
Softball
Swimming
Girls Track
Boys Track
Volleyball
Wrestling**

4-Year Planner

Use this planner when scheduling your high school courses. The printed courses are required by SRHS and the Ohio Department of Education, while the blanks are for students to select elective courses. Electives include Career Connections, Career Technology, Family & Consumer Sciences, Fine Arts, Foreign Language, Music, and/or Technology. Students must take a minimum of five classes each semester.

Freshman Year*

English	1 credit
Mathematics	1 credit
Physical Science	1 credit
World Studies	1 credit
PE**	¼ credit
Health***	½ credit
_____	_____
_____	_____
_____	_____
_____	_____
Total	_____

**Students can participate in CCP
 **PE Waiver option
 ***HS Health completed 8th grade.
 If not, online in 9th grade*

Sophomore Year*

English	1 credit
Mathematics	1 credit
Biology	1 credit
American Studies	1 credit
PE**	¼ credit
Technology***	½ credit
_____	_____
_____	_____
_____	_____
_____	_____
Total	_____

**Students can participate in CCP
 **PE Waiver option
 ***Technology must be completed between
 grades 9-12.*

Junior Year*

English	1 credit
Mathematics	1 credit
Science	1 credit
American Gov't.	1 credit
Financial Literacy**	½ credit
_____	_____
_____	_____
_____	_____
_____	_____
Total	_____

**Students can participate in MCCTC or CCP
 **Smart Food/Money or can earn through CCP*

Senior Year*

English	1 credit
Mathematics	1 credit
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
Total	_____

**Students can participate in MCCTC or CCP*